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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
			Application Number	09/840,623	
			Filing Date	04/22/2001	
			First Named Inventor	Bill J. Pope	
			Art Unit	3726	
Examiner Name					
Sheet	1	of	7	Attorney Docket Number	3769.DIMC.PT

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		3819814	Jun-74	Pope	
		3864409	Feb-75	Pope	
		4104344	Aug-78	Pope et al.	
		4163769	Aug-79	Pope et al.	
		5645601	Jul-97	Pope et al.	
		6010533	Jan-00	Pope et al.	
		6290726	Sep-01	Pope et al.	
		6398815	Jun-02	Pope et al.	
		6402787	Jun-02	Pope et al.	
		6410877	Jun-02	Dixon et al.	
		6425922	Jul-02	Pope et al.	
		6488715	Dec-02	Pope et al.	
		6494918	Dec-02	Pope et al.	
		6497727	Dec-02	Pope et al.	
		6514289	Feb-03	Pope et al.	
		6517583	Feb-03	Pope et al.	
		6596225	Jul-03	Pope et al.	
		6610095	Aug-03	Pope et al.	
		6655845	Dec-03	Pope et al.	
		6676704	Jan-04	Pope et al.	
		6709463	Mar-04	Pope et al.	
		6793681	Sep-04	Pope et al.	
		6800095	Oct-04	Pope et al.	
		6817550	Nov-04	Taylor et al.	
		7077867	Jul-06	Pope et al.	
		7172142	Feb-07	Taylor et al.	
		US 2005-0203630	09/15/2005	Pope et al.	
		US 2004-0199260	10/07/2004	Pope et al.	
		US 2003-0019106	01/30/2003	Pope et al.	
		US 2004-0223676	11/11/2004	Pope et al.	
		US 2005-0146086	07/07/2005	Pope et al.	
		US 2003-0191533	10/09/2003	Dixon et al.	
		US 2005-0158200	07/21/2005	Pope et al.	
		US 2005-0133277	06/23/2005	Dixon et al.	

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		Number-Kind Code ² (if known)			
		2947608	Aug-60	Hall	
		2947609	Aug-60	Strong	
		2947610	Aug-60	Hall et al.	
		2947611	Aug-60	Bundy	
		2992900	Jul-61	Bovenkerk	
		3031269	Apr-62	Bovenkerk	
		3297407	Jan-67	Wentorf, Jr.	
		3423177	Jan-69	Bovenkerk	
		3488153	Jan-70	Bundy	
		3574580	Apr-71	Stromberg et al.	
		3597158	Aug-71	Horton	
		3702573	Nov-72	Nemeth	
		3865585	Feb-75	Rademacher	
		4012229	Mar-77	Herchenroeder et al.	
		4089933	May-78	Vereschagin et al.	
		4104441	Aug-78	Fedoseev et al.	
		4231762	Nov-80	Hara et al.	
		4259072	Mar-81	Hirabayashi et al.	
		4260203	Apr-81	Garner	
		4260397	Apr-81	Bovenkerk	
		4380471	Apr-83	Lee et al.	
		4410054	Oct-83	Nagel et al.	
		4454612	Jun-84	McDaniel et al.	
		4470158	Sep-84	Pappas et al.	
		4518659	May-85	Gigl et al.	
		4525178	Jun-85	Hall	
		4525179	Jun-85	Gigl	
		4610699	Sep-86	Yazu et al.	
		4662348	May-87	Hall et al.	
		4668290	May-87	Wang et al.	
		4714468	Dec-87	Wang et al.	
		4729440	Mar-88	Hall	
		4755185	Jul-88	Tarr	
		4778486	Oct-88	Csillag et al.	

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	4808185	Feb-89	Penenberg et al.	
	4822365	Apr-89	Walker et al.	
	4822366	Apr-89	Bolesky	
	4865603	Sep-89	Noiles	
	4925701	May-90	Jansen et al.	
	4931068	Jun-90	Dismukes et al.	
	4979957	Dec-90	Hodorek	
	5002577	Mar-91	Bolesky et al.	
	5002731	Mar-91	Crook et al.	
	5009673	Apr-91	Cho	
	5011515	Apr-91	Frushour	
	5030233	Jul-91	Ducheyne	
	5037423	Aug-91	Kenna	
	5082359	Jan-92	Kirkpatrick	
	5108432	Apr-92	Gustavson	
	5128146	Jul-92	Hirayama et al.	
	5133757	Jul-92	Sioshansi et al.	
	5152794	Oct-92	Davidson	
	5152795	Oct-92	Soishansi et al.	
	5154023	Oct-92	Sioshani	
	5180394	Jan-93	Davidson	
	5192323	Mar-93	Shetty et al.	
	5211726	May-93	Slutz et al.	
	5236545	Aug-93	Pryor	
	5248317	Sep-93	Tank et al.	
	5258022	Nov-93	Davidson	
	5308412	May-94	Shetty et al.	
	5330481	Jul-94	Hood et al.	
	5330826	Jul-94	Taylor et al.	
	5358525	Oct-94	Fox et al.	
	5370694	Dec-94	Davidson	
	5372660	Dec-94	Davidson et al.	
	5380547	Jan-95	Higgins	
	5383934	Jan-95	Armini et al.	
	5387247	Feb-95	Vallana et al.	
	5391407	Feb-95	Dearnaley	
	5391408	Feb-95	Piera	

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	5391409	Feb-95	Shibata et al.	
	5391422	Feb-95	Omori et al.	
	5414049	May-95	Sun et al.	
	5415704	May-95	Davidson	
	5458827	Oct-95	Holly	
	5478906	Dec-95	Howard, Jr.	
	5480683	Jan-96	Chabrol et al.	
	5507804	Apr-96	Llanos	
	5507814	Apr-96	Gilbert et al.	
	5507824	Apr-96	Lennox	
	5508368	Apr-96	Knapp et al.	
	5512235	Apr-96	Cerutti et al.	
	5530072	Jun-96	Shirodkar	
	5554415	Sep-96	Turchan et al.	
	5571616	Nov-96	Phillips et al.	
	5593719	Jan-97	Dearnaley et al.	
	5620754	Apr-97	Turchan et al.	
	5628824	May-97	Vohra et al.	
	5635243	Jun-97	Turchan et al.	
	5641323	Jun-97	Caldarise	
	5643641	Jul-97	Turchan et al.	
	5702448	Dec-97	Buechel et al.	
	5725573	Mar-98	Dearnaley et al.	
	5766394	Jun-98	Anderson et al.	
	5773140	Jun-98	Cerutti et al.	
	5780119	Jul-98	Dearnaley et al.	
	5824651	Oct-98	Nanci et al.	
	5830539	Nov-98	Yan et al.	
	5855996	Jan-99	Corrigan et al.	
	5868796	Feb-99	Buechel et al.	
	5895388	Apr-99	Zobel	
	5916269	Jun-99	Serbousek , et al.	
	5947893	Sep-99	Agrawal et al.	
	5981827	Nov-99	Devilin et al.	
	6063149	May-00	Zimmer	
	6077148	Jun-00	Klein et al.	
	6183818	Feb-01	Vohra et al.	

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		6207218	Mar-01	Layrolle et al.	
		6221108	Apr-01	Smith	
		6773520	Aug-04	Fehring et al.	

FOREIGN PATENT DOCUMENTS						
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		GB 2 283 772	May-95	Camco Drilling		
		GB 2 290 326	Dec-95	Camco Drilling		
		GB 2 290 327	Dec-95	Camco Drilling		
		GB 2 290 328	Dec-95	Camco Drilling		
		JP 9173437	Jul-97	Kyocera Corp.		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		ISTA Symposium Presentation, September 1997	
		ISTA Symposium Presentation, October 1998	

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		Country Code ² Number Code ⁴ Kind Code ⁵ (if known)				
		JP 04360077	Dec-92	Hitachi LTD.		
		JP 06193637	Jul-94	NTN Corp		
		JP 07127644	May-95	NTN Corp		
		JP 07282551	Oct-95	Toshiba Corp		
		JP 58174718	Oct-83	ULVAC Corp		
		WO 98/44270	Oct-98	Koyo Seiko		
		WO 99/14512	Mar-99	SKF Industrial		

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